

# ABSTRACT OF THE DISCLOSURE

In a terminal, acoustic information input by an acoustic input unit is analyzed by an acoustic processor to acquire multi-dimensional feature quantity parameters.

- 5 In an initial setup process, a speech communication information generator on the terminal generates a processing condition (clustering result table) for compression-encoding on the basis of the multi-dimensional feature quantity parameters, and stores the condition in
- 10 speech communication information holding units of the terminal and a server. In a speech recognition process, the terminal encodes acoustic information using the processing condition, and sends encoded data to the server. The server decodes the encoded data using the processing
- 15 condition, and executes speech recognition. In this way, appropriate encoding can be achieved in accordance with a change in acoustic feature, and the recognition rate and compression ratio upon encoding can be prevented from lowering due to a change in environmental noise.